Quantitation Report (Qedit)

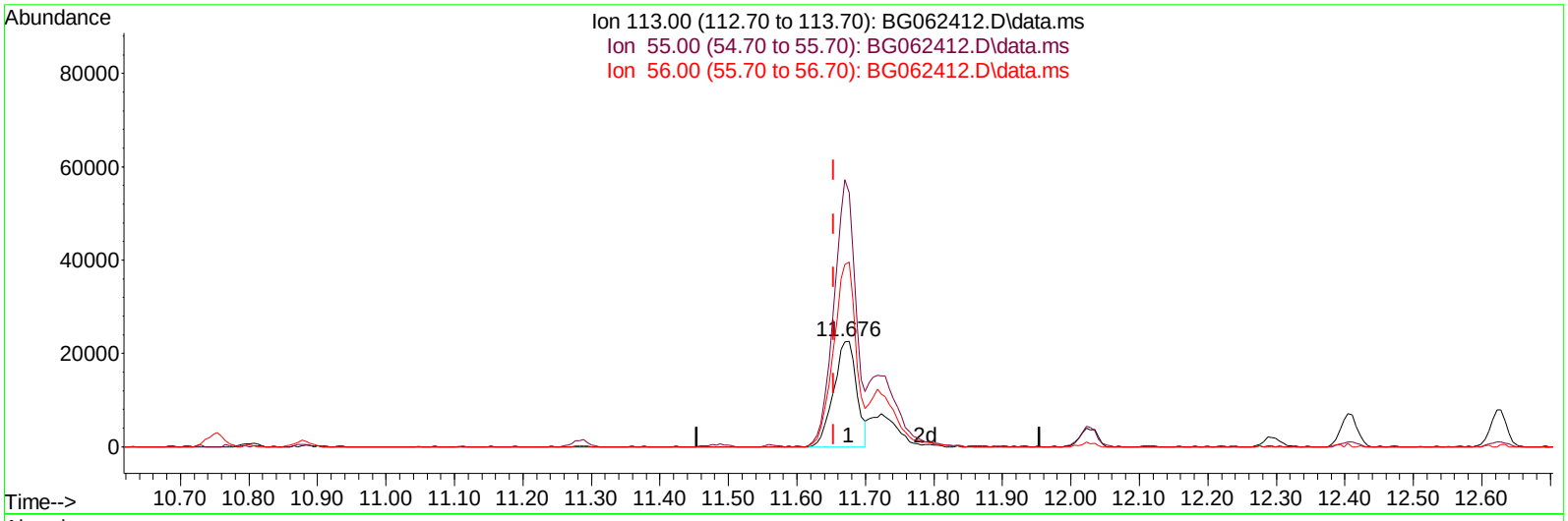
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
Data File : BG062412.D
Acq On : 15 Aug 2024 12:34
Operator : MA/JU
Sample : P3481-09MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

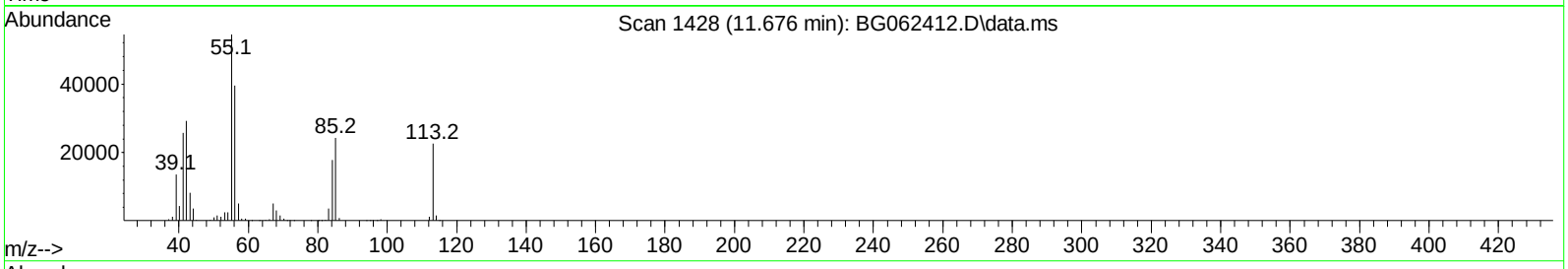
Quant Time: Aug 15 13:19:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
Response via : Initial Calibration

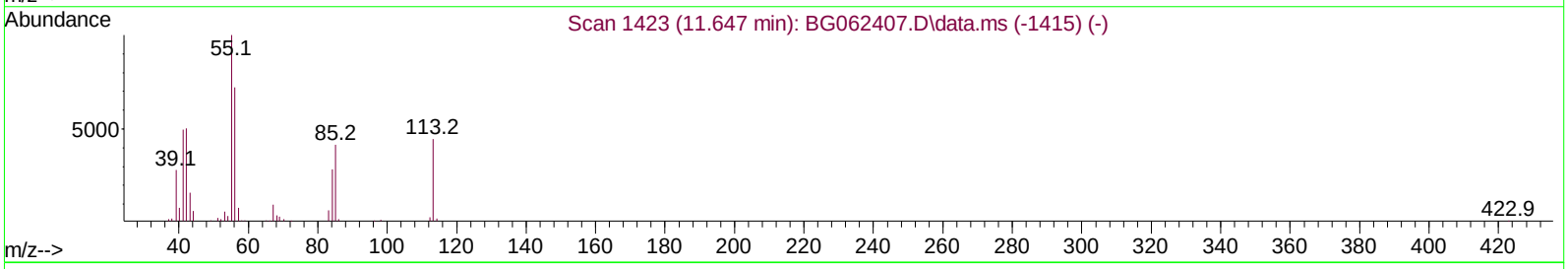
Instrument :
BNA_G
ClientSampleId :
E0AE4MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024







TIC: BG062412.D\data.ms

(34) Caprolactam

11.676min (+ 0.022) 22.19 ng/ul

response 52781

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	240.62
56.00	178.20	174.62
0.00	0.00	0.00

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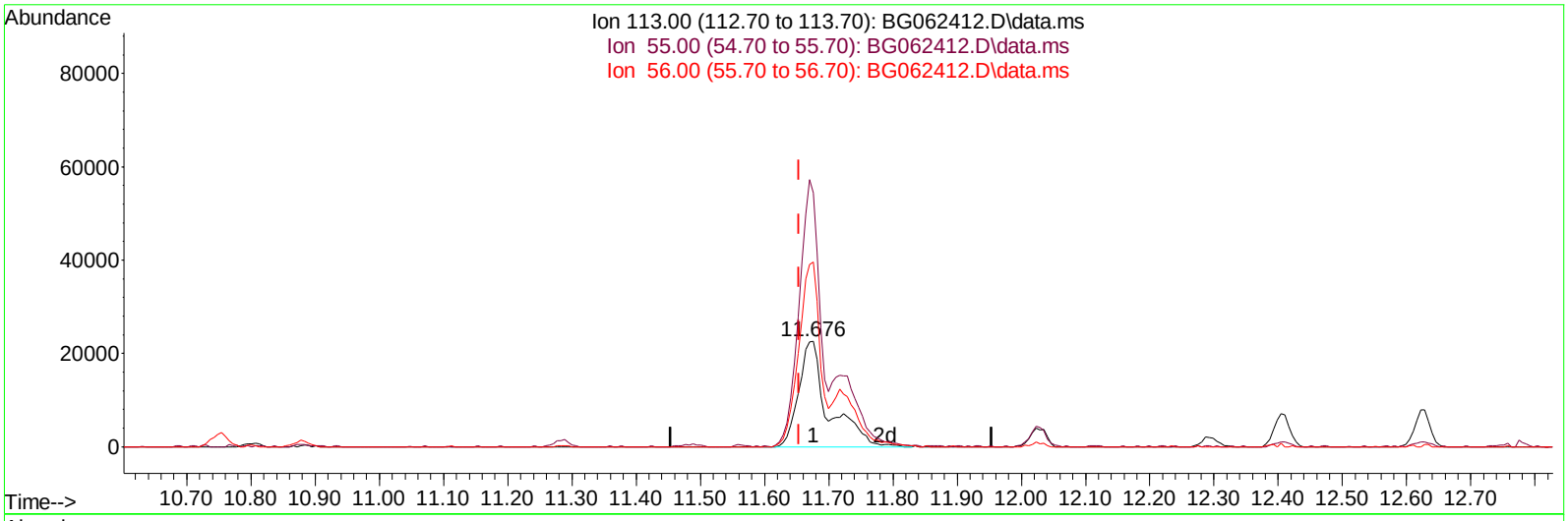

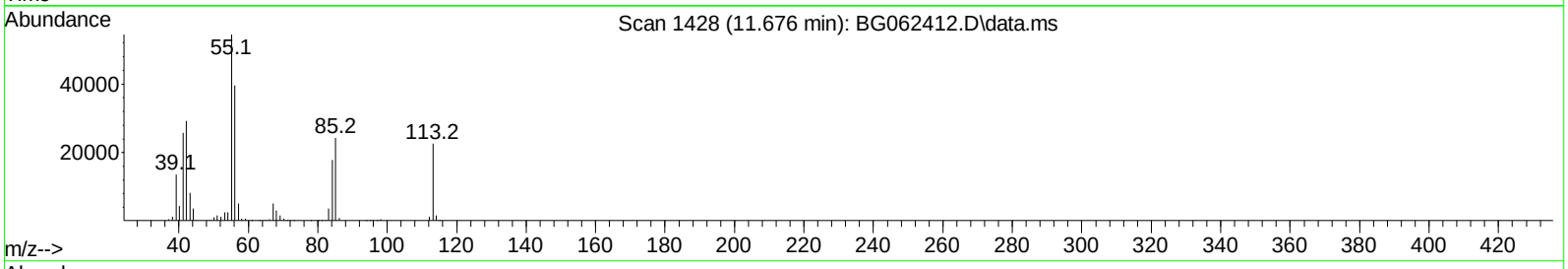

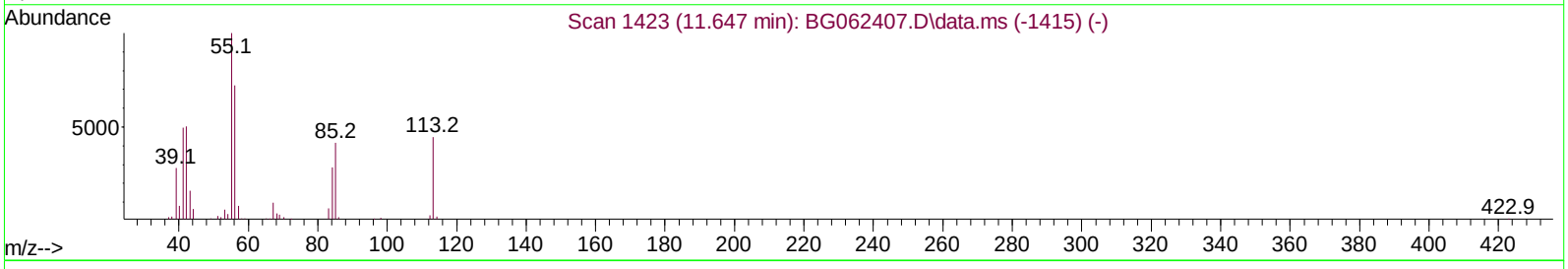

TIC: BG062412.D\data.ms

(34) Caprolactam

11.676min (+ 0.022) 30.53 ng/ul m

response 72602

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	240.62
56.00	178.20	174.62
0.00	0.00	0.00

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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	76215	20.000	ng/ul	0.00
20) Naphthalene-d8	10.754	136	353380	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.578	164	258188	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	561379	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	546073	20.000	ng/ul	0.00
88) Perylene-d12	24.653	264	611550	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	6127	3.052	ng/uL	0.00
4) Pyridine-d5	3.828	84	64211	10.497	ng/ul	0.00
7) Phenol-d5	7.118	99	161177	21.258	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.288	67	101322	21.215	ng/ul	0.00
11) 2-Chlorophenol-d4	7.488	132	121464	23.452	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	123305	19.402	ng/ul	0.00
21) Nitrobenzene-d5	9.109	128	61293	27.046	ng/ul	0.00
24) 2-Nitrophenol-d4	9.832	143	67061	29.747	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.372	165	142152	24.757	ng/ul	0.00
31) 4-Chloroaniline-d4	10.877	131	137037	15.049	ng/ul	0.00
46) Dimethylphthalate-d6	13.985	166	446032	22.209	ng/ul	0.00
49) Acenaphthylene-d8	14.273	160	511110	22.985	ng/ul	0.00
54) 4-Nitrophenol-d4	14.766	143	58002	18.104	ng/ul	0.00
60) Fluorene-d10	15.565	176	405610	22.393	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.682	200	58407	22.899	ng/ul	0.00
73) Anthracene-d10	17.415	188	607927	22.543	ng/ul	0.00
81) Pyrene-d10	19.701	212	762057	23.829	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.441	264	764514	23.556	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	23376	10.909	ng/uL#	90
5) Pyridine	3.846	79	180594	28.059	ng/ul	96
6) Benzaldehyde	7.094	77	147992	37.652	ng/ul	97
8) Phenol	7.141	94	273778	34.412	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.376	93	200732	34.098	ng/ul	98
12) 2-Chlorophenol	7.523	128	197746	36.912	ng/ul	97
13) 2-Methylphenol	8.392	108	181381	30.297	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.480	45	399565	32.883	ng/ul	97
16) Acetophenone	8.774	105	334882	32.167	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.768	70	176454	32.119	ng/ul	99
18) 4-Methylphenol	8.721	108	214335	31.256	ng/ul	99
19) Hexachloroethane	9.039	117	77563	36.387	ng/ul	99
22) Nitrobenzene	9.150	77	252119	39.386	ng/ul	99
23) Isophorone	9.679	82	486033	32.150	ng/ul	99
25) 2-Nitrophenol	9.861	139	117119	46.502	ng/ul	95
26) 2,4-Dimethylphenol	9.920	107	80329	11.696	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.161	93	282629	33.611	ng/ul	99
29) 2,4-Dichlorophenol	10.396	162	214244	36.334	ng/ul	99
30) Naphthalene	10.801	128	709552	34.620	ng/ul	99
32) 4-Chloroaniline	10.907	127	225052	25.422	ng/ul	99
33) Hexachlorobutadiene	11.095	225	155443	34.680	ng/ul	98
34) Caprolactam	11.676	113	72602m	30.528	ng/ul	
35) 4-Chloro-3-methylphenol	12.029	107	240810	34.902	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.405	142	487451	33.678	ng/ul	99
37) 1-Methylnaphthalene	12.628	142	491009	33.249	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.775	216	312065	36.195	ng/ul	97
40) Hexachlorocyclopentadiene	12.757	237	120557	27.279	ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	190181	38.346	ng/ul	96
42) 2,4,5-Trichlorophenol	13.080	196	210119	40.352	ng/ul	96
43) 1,1'-Biphenyl	13.415	154	688041	35.175	ng/ul	100
44) 2-Chloronaphthalene	13.456	162	538823	35.599	ng/ul	99
45) 2-Nitroaniline	13.650	65	174797	44.587	ng/ul	97
47) Dimethylphthalate	14.032	163	672181	33.013	ng/ul	99
48) 2,6-Dinitrotoluene	14.149	165	129583	44.561	ng/ul#	90
50) Acenaphthylene	14.302	152	831885	34.941	ng/ul	99
51) 3-Nitroaniline	14.472	138	121812	36.764	ng/ul	96
52) Acenaphthene	14.643	153	595192	33.404	ng/ul	99
53) 2,4-Dinitrophenol	14.678	184	76009	41.438	ng/ul	90
55) 4-Nitrophenol	14.778	109	99473	36.172	ng/ul	98
56) Dibenzofuran	14.978	168	846108	33.757	ng/ul	99
57) 2,4-Dinitrotoluene	14.931	165	186535	42.139	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.201	232	189385	37.828	ng/ul	97
59) Diethylphthalate	15.401	149	659003	32.431	ng/ul	99
61) Fluorene	15.624	166	645949	32.697	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.618	204	332270	32.730	ng/ul	100
63) 4-Nitroaniline	15.635	138	126591	36.553	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.694	198	119061	41.427	ng/ul#	97
67) N-Nitrosodiphenylamine	15.829	169	573951	35.268	ng/ul	99
68) 4-Bromophenyl-phenylether	16.511	248	231127	36.686	ng/ul	99
69) Hexachlorobenzene	16.628	284	261763	35.662	ng/ul	99
70) Atrazine	16.781	200	185527	27.341	ng/ul	98
71) Pentachlorophenol	16.963	266	163775	38.235	ng/ul	100
72) Phenanthrene	17.363	178	1072345	33.995	ng/ul	99
74) Anthracene	17.451	178	1062167	32.871	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.380	216	308820	38.482	ng/ul	100
76) Pentachlorobenzene	14.895	250	294500	34.984	ng/ul	97
77) Carbazole	17.715	167	893826	32.930	ng/ul	98
78) Di-n-butylphthalate	18.285	149	1107480	34.107	ng/ul	99
80) Fluoranthene	19.366	202	1285685	35.986	ng/ul	98
82) Pyrene	19.730	202	1351027	35.084	ng/ul	99
83) Butylbenzylphthalate	20.623	149	494284	38.107	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	379243	31.820	ng/ul#	99
85) Benzo(a)anthracene	21.539	228	1390325	35.078	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	718953	37.937	ng/ul	100
87) Chrysene	21.604	228	1313219	34.948	ng/ul	98
89) Di-n-octyl phthalate	22.644	149	1244264	38.150	ng/ul	100
90) Benzo(b)fluoranthene	23.678	252	1307626	35.395	ng/ul	98
91) Benzo(k)fluoranthene	23.742	252	1327987	35.613	ng/ul	99
93) Benzo(a)pyrene	24.518	252	1177367	33.805	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.160	276	1630709	36.838	ng/ul	99
95) Dibenzo(a,h)anthracene	28.224	278	1314134	36.625	ng/ul	99
96) Benzo(g,h,i)perylene	29.246	276	1257136	36.927	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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